



5047/00/JC

Attorney's Docket No.: 612.43765X00

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled :

**METHOD FOR DETERMINING A SEISMIC WAVE VELOCITY MODEL IN A HETEROGENEOUS UNDERGROUND FORMATION**

the specification of which

is attached hereto.

X

was filed on April 23, 2004 as

United States Application Number 10/830,052

or PCT International Application Number \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits, under 35 U.S.C. 119(a)-(d) or 365(b), of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s)****Priority  
Claimed?**

03/05.292

FRANCE

29 APR 2003

X

(Number)

(Country)

(Foreign Filing Date)

Yes

No

(Number)

(Country)

(Foreign Filing Date)

Yes

No

I hereby claim the benefit, under 35 U.S.C. 119(e), of any United States provisional application(s) listed below:

(Application Number)

Filing Date

(Application Number)

Filing Date

I hereby claim the benefit, under 35 U.S.C. 120, of any United States application(s) listed below:

(Application Number)

Filing Date

(Status -- patented, pending,  
abandoned)

(Application Number)

Filing Date

(Status -- patented, pending,  
abandoned)

I hereby appoint: Donald R. Antonelli, Reg. No. 20,296; Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973; Carl I. Brundidge, Reg. No. 29,621; Paul J. Skwierawski, Reg. No. 32,173; and Robert M. Bauer, Reg. No. 34,487; of ANTONELLI, TERRY, STOUT & KRAUS, LLP with offices located at 1300 North Seventeenth Street, Suite 1800, Arlington, Virginia 22209, my attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

Customer Number 020457  
ANTONELLI, TERRY, STOUT & KRAUS, LLP  
1300 North Seventeenth Street  
Suite 1800  
Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600  
FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor BROTO Karine

Inventor's Signature Karine Broto Date May 12<sup>th</sup>, 2004

Residence 15 Boulevard Richelieu, 92500 RUEIL MALMAISON, FRANCE

(City, State)

Citizenship French

(Country of Citizenship)

Post Office Address 15 Boulevard Richelieu, 92500 RUEIL MALMAISON, FRANCE